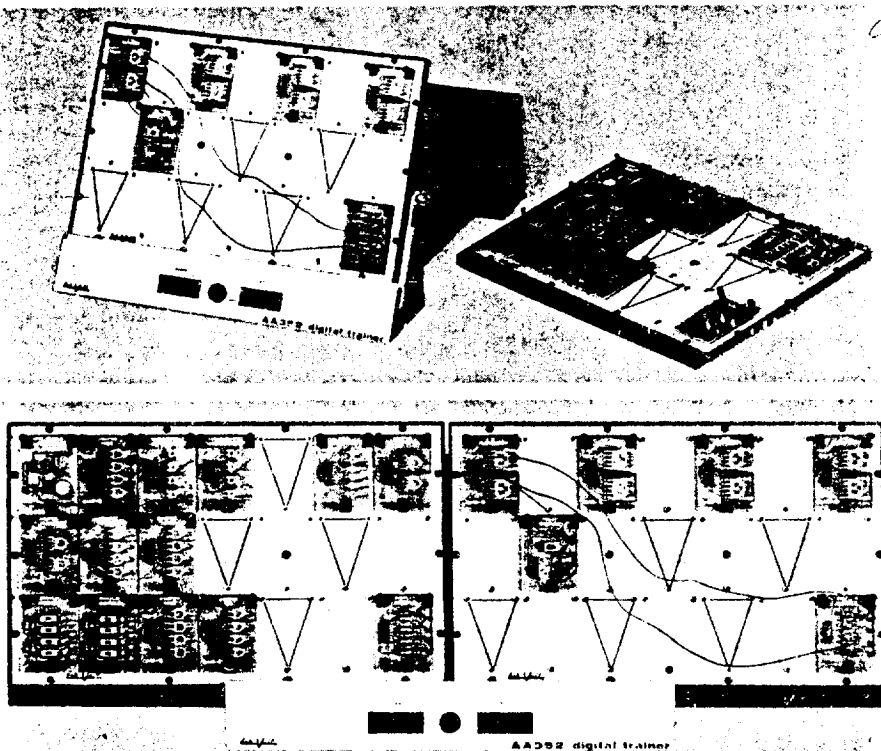


# DIRECTORY OF NAVAL TRAINING DEVICES



## DIGITAL LOGIC, TRAINER, MODEL AA-352A, DEVICE 6F23A

### TRAINING CATEGORY:

BASIC SCIENCE (Computer)

### ORIGINATING AGENCY:

CNET

### SECURITY CLASSIFICATION:

Device 6F23A is unclassified.

### FUNCTIONAL DESCRIPTION:

A portable logic trainer that uses plug-in modules for teaching basic digital logic and breadboarding logic circuits. The unit offers two (2) independent and removable work surfaces, each of which accommodates twenty-one (21) modules. Both work surfaces can be utilized concurrently, to offer a total capacity for forty-two (42) modules.

The unit contains its own internal regulated power supply that operates from a 115V AC source. Power is automatically applied to all modules, when they are plugged into polarized receptacles on a work surface.

A basic configuration of twenty (20) modules, or boards, as listed in the specifications, is supplied with the unit. Included is a clock module that provides a variable frequency. TTL integrated circuits are used on logic boards. Optional modules are available, including a numeric readout and a universal socket board for integrated circuits.

Standard logic symbols are screened on each logic board to clearly indicate the logic function. The portable chassis offers space for internal storage of the two work surfaces and all modules.

This training system is inherently "open ended". Additional, new, or combinational functions will be offered in module form as digital technology evolves and/or the need arises.

### POWER REQUIREMENTS:

Source Reqs:	105-120VAC, 50-60 Hz.
Output Voltage:	+ 5V, $\pm 5\%$
Output Current:	1.5A max.
Ripple:	Less than 10mV p-p
Temp. Opr. Range:	0° C to + 70 °C
Clock Frequency:	Var. 1Hz. - 10 Hz. & 10kHz. to 100kHz.

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## PHYSICAL INFORMATION:

Chassis Dimensions, with work surfaces stored internally:

5.34" H x 15.9" W x 15.9" D  
13.56cm 40.38cm 40.38cm

Packaged Shipping Dimensions:

9" H x 21" W x 19" D  
22.86cm 53.34cm 48.26cm

Shipping Weight:

26 lbs. (11.78 kg)

Unpackaged Weight:

24.5 lbs. (11.1 kg)

## CONTRACT IDENTIFICATION:

Manufactured by Buck Engineering Co., Inc.,  
Naperville, IL under NAVTRASYSCEN Contract  
No. N00204-77-F-7392.

LOCAL STOCK NUMBER:

6910-LL-C00-5295